



User manual



## LED Spot 3

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## 1. Safety instructions



- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

### 1.1. FOR SAFE AND EFFICIENT OPERATION

#### **Be careful with heat and extreme temperature**

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 32°F /0°C, or ex ceeding 104°F /40°C.

#### **Keep away from humidity, water and dust**

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

#### **Keep away from sources of hum and noise**

Such as transformer motor, tuner, TV set and amplifier.

#### **To avoid placing on un-stable location**

Select a level and stable location to avoid vibration.

#### **Do not use chemicals or volatile liquids for cleaning**

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

#### **If out of work, contact sales agency immediately**

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

#### **Take care with the power cable**

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

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**Important:** Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

## **2. Features**

- Multicolour
- Electronic dimming device 0 – 100%
- Built in microphone
- DMX 512 Protocol
- 3 or 5 DMX Channels
- Master Slave Mode

### **2.1. Powerconnection**

Before connecting this item to the mains make sure that the local power connection is fitting to this LED Spot 3! The LED Spot 3 needs 100V ~ 230V AC.

## **3. Working Modes**

### **3.1. Music control mode**

In this mode the LED Spot 3 react to music and plays the different colors.

1. Power on the item and set the Dip switch #10 to ON
2. Now the item changes the color according to the music.

### **3.2. Master Slave mode**

With this function you can connect up to 16 fixtures and use them without a controller. The items work in a music control mode. In this mode one item works as control unit and the others reacting according to it and its preprogrammed programs. Each item can be defined to be a master or a slave.

1. Daisy chain the items with DMX Cables using the backside XLR Connectors. note that the male connector is the IN and the female connector is the out at the item. The first item in the row uses the female connector only and the last item in line should use the male connector only. If the cable are longer then you should use a terminator at the end of the line.
2. At the master item you should set up the dip switches 1-9 to OFF
3. At the slave unit please set all dip switches to ON
4. Now the slave items follow the master and its programs.

### **3.3. 4-Light show (in Master Slave Mode)**

With this function you can set up a 4-light show from the master or from a slave item. Please do step 1 from setting up a master slave mode and then go as described here:

### 3.3.1. The slave items follow the first slave item:

1. Set up the dipswitches to OFF at the Master item.
2. At the slave item please set up all dipswitches excepting #10 to ON. The dipswitch #10 has to stay in OFF mode.
3. Now all items follow the first slave item and the master not.

### 3.3.2. The slave items follow the master item

1. At the master please set up all dipswitches to OFF
2. At the slave item please set up the dipswitches excepting #10 to ON. The dipswitch #10 should stay in OFF mode.
3. Now all the items follow the master.

## 3.4. DMX Mode

You can use this item as 3 or 5 channel dmx item. If you use a dmx controller you are able to create own programs.

1. With this mode you can use every function of the item by using a dmx controller.
2. To choose the 3 channel mode please set up the dipswitch #10 to ON. If you prefer the 5 channel mode please set up the dipswitch #10 to OFF.
3. Set up the desired dmx address with the dipswitches 1-9 according to the binary system.
4. Now you can connect and control the item by every standard dmx controller.

## 4. DMX Table

3-Channal Table

Channel	Value	Function
1	0 – 255	Red Dimming 0 – 100%
2	0 – 255	Green Dimming 0 – 100%
3	0 – 255	Blue Dimming 0 – 100%

5-Channal Table

Kanal	Wert	Funktion
1	0 – 255	Red Dimming 0 – 100%
2	0 – 255	Green Dimming 0 – 100%
3	0 – 255	Blue Dimming 0 – 100%
4	0 – 15 16 – 255	Strobe open slow to fast
5	0 – 255	Master Dimmer 0 – 100%

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**5. Technical data**

Voltage	AC 120 – 230V 50~60Hz
Power consumption	9W max
Light source	LED 3W 3in1 RGB
Angle	12°
Measures	198 x 127 x 19mm
Weight	1,2kg
control	DMX, Master Slave, Automatik

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